

1. The use of a galanin agonist in the preparation of a medicament for the treatment of nerve damage.
2. A method of treating nerve damage in a mammal comprising administering a galanin agonist to that mammal.
3. A method of treating Alzheimer's disease and related diseases and conditions comprising administering a galanin agonist to a subject.
4. The use of a galanin agonist in the preparation of a medicament for the treatment of Alzheimer's disease and related diseases and conditions.
5. A method of improving memory, enhancing memory functions and improving cognitive function, the method comprising administering a galanin agonist to a subject.
6. The use of a galanin agonist in the preparation of a medicament for improving memory and other cognitive functions.
7. A lactation suppression composition comprising a galanin antagonist.
8. The use of a galanin antagonist in the preparation of a medicament for the suppression of lactation.
9. A method of suppressing lactation in a mammal, the method comprising administering a galanin to that mammal.
10. A composition comprising a galanin antagonist for the treatment of prolactinoma in a mammal.
11. The use of a galanin antagonist in the preparation of a medicament for the treatment of prolactinoma.

12. A method of treating prolactinoma in a mammal suffering from prolactinoma, the method comprising administering a galanin antagonist to that mammal.
13. An appetite suppressant composition comprising a galanin antagonist.
14. The use of a galanin antagonist in the preparation of a medicament for the treatment of appetite, and appetite related disorders.
15. A method of suppressing appetite in a mammal, the method comprising administering a galanin antagonist to that mammal.
16. An analgesic composition comprising a galanin antagonist.
17. The use of a galanin antagonist in the preparation of a medicament for the treatment of pain.
18. A method of suppressing pain in a mammal, the method comprising administering a galanin antagonist to that mammal.
19. The use of a galanin antagonist in the preparation of a medicament for the treatment of painful neuropathy.
20. An anaesthetic composition comprising a galanin antagonist.
21. The use of a galanin antagonist in the preparation of an anaesthetic composition.
22. A method of anaesthetising a mammal, the method comprising administering a galanin antagonist to that mammal.
23. A transgenic or other genetically modified mammal which lacks a functional galanin gene.

24. A mammal according to claim 23 in which the galanin gene has been inactivated.
25. A mammal according to claim 23 or 24 in which the galanin gene has been inactivated by at least partial deletion.
26. A mammal according to claim 25 in which the portion of the galanin gene between the Bam HI and Bgl2 restriction sites asterisked in Fig. 3 has been deleted.
27. A mammal according to claim 23, 24, 25 or 26 which is a rodent.
28. A rodent according to claim 27 which is a mouse.
29. Tissue, cells and cell lines derived from a mammal, rodent or mouse according to any preceding claim.
30. Tissue, cells or cell lines according to claim 29 which are cells from pancreas, pituitary, cortex, dorsal root ganglia or are derived from such cells.
31. The use of a mammal, rodent or mouse according to any one of claims 23 to 28 or tissue cells and cell lines according to claim 29 or 30 in an assay to determine a biological effect of galanin.
32. The use according to claim 31 in which the biological effect is selected from diabetes and insulin secretion, appetite, growth hormone effects, lactation, prolactin over secretion, pain sensitivity, memory, behaviour, sexual reproduction and fertility.